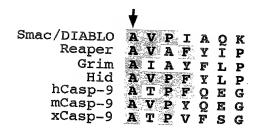
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ATTORNEY NAME: Janet E. Reed PHONE NO.: (215)564-3100
SHEET 1 O PL.



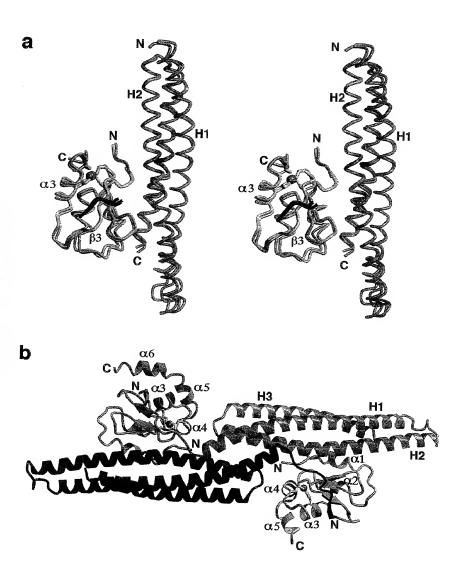
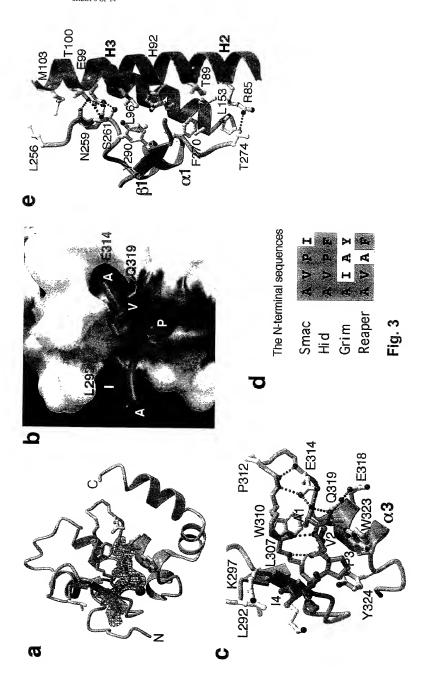


Fig. 2

TITLE: COMPOSITIONS AND METHODS FOR REGULATING APOPTOSIS INVENTOR NAME: Yigong Shi APPLICATION NO.:Not yet assigned DOCKET NO.: PU-0031 ATTORNEY NAME: Janet E. Reed PHONE NO.: (215)564-3100 SHEET 3 OF 14



HILLE. COMPUSITIONS AND METHODS FOR REGULATING APOPTOSIS INVENTOR NAME: Yigong Shi APPLICATION NO: Not yet assigned DOCKET NO.: PLI-031
ATTORNEY NAME: Janet E. Reed PHONE NO.: (215)564-3100
SHEET 4 OF 14

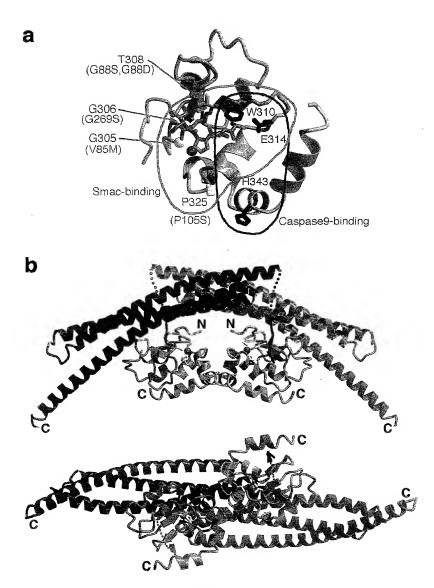


Fig. 4

III LE: CUMPOSITIONS AND METHODS FOR REGULATING APOPTOSIS INVENTOR NAME. Yigong Shi APPLICATION NO: Not yet assigned DOCKET NO: PU-0031 ATTORNEY NAME: Janet E. Reed PHONE NO.: (215)564-3100 SHEET 5 OF 14

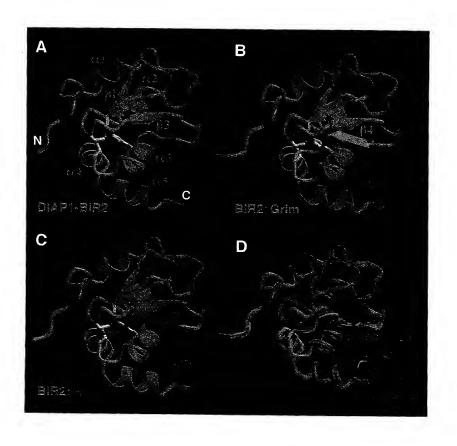
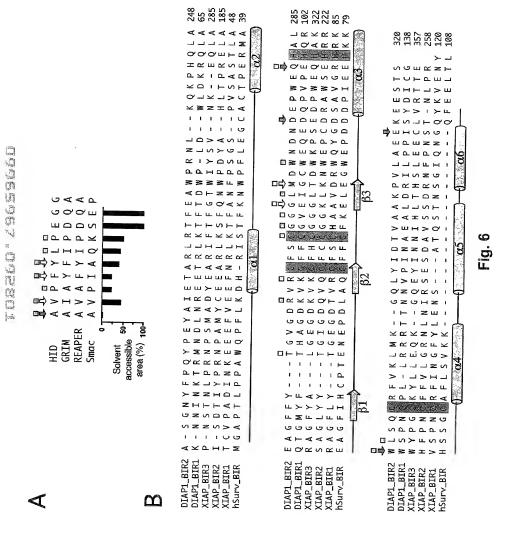


Fig. 5



TITLE: COMPOSITIONS AND METHODS FOR REGULATING APUPTOSIS INVENTOR NAME: Yigong Shi APPLICATION NO. Not yet assigned DOCKET NO.: PU-0031 ATTORNEY NAME. Janet E. Reed PHONE NO.. (215)564-3100 SHEET 7 OF 14

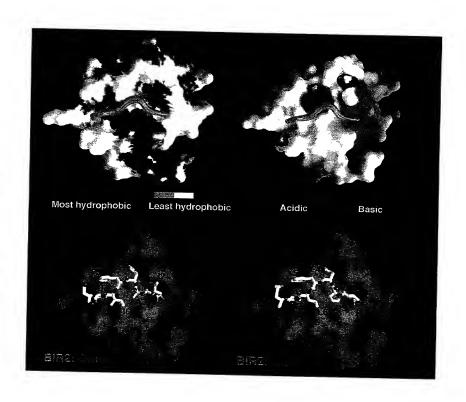


Fig. 7

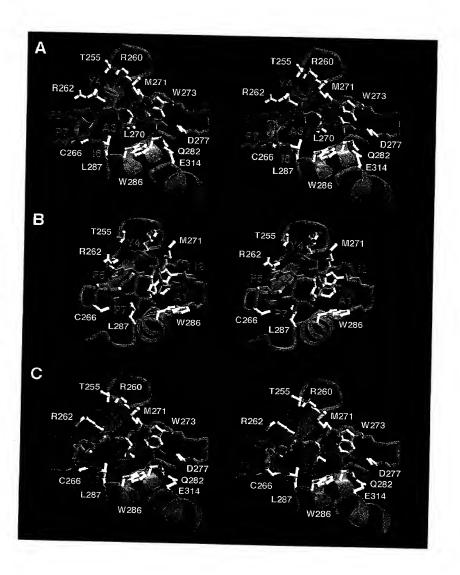


Fig. 8

III LE: COMPOSITIONS AND METHODS FOR REGULATING APOPTOSIS INVENTOR NAME: Yigong Shi APPLICATION NO.:Not yet assigned DOCKET NO.: PI-40931 ATTORNEY NAME: Janet E. Reed PHONE NO.: (215)564-3100 SHEET 9 OF 14

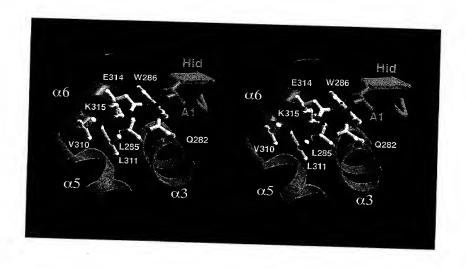
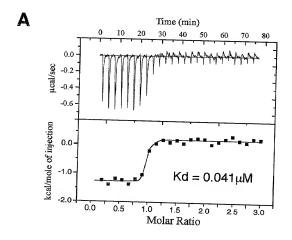


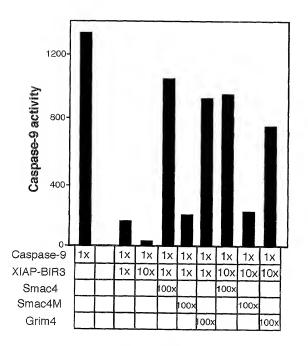
Fig. 9



B

	Dissociation constants (µM)			
Peptide	DIAP1-BIR2	XIAP-BIR3		
Grim	0.24	12.6		
Hid	0.041	0.12		
Smac	n/a	0.55		
Casp-9	n/a	0.25		

Fig. 10



Peptide identity: Smac4: AVPI Smac4M: MVPI Grim4: AIAY

Fig. 11

HTILE: COMPOSITIONS AND METHODS FOR REGULATING AFOR POSIG INVENTOR NAME: Yigong Shi APPLICATION NO. Not yet assigned DOCKET NO.: PU-0031 ATTORNEY NAME: Janet E. Reed PHONE NO.: (215)564-3100 SHEET 12 OF 14

			]					
(	Smac	Smac-7R	AVP Smac-3	AVPI Smac-4	AVPIA Smac-5	AVPIAQ Smac-6	AVOIAQK Smac-7	
XIAP	пM	μМ		μM	μМ	μМ	μМ	
-XI	20	3000	30 100 300 1000 3000	30 100 300 1000 3000	30 100 300 1000 3000	30 100 300 1000 3000		
(10)	•		***		****	***		<b>←</b> Procasp3
and the same	****		7 Pr 1					_
2	<b></b>		÷.,	and And Hope are \$100			Annual Salas and more segments	Cleaved Casp3

Fig. 12

HILLE COMPOSITIONS AND METHODS FOR REGULATING ALOT TOWN INVENTOR NAME: Yigong Shi APPLICATION NO. Not yet assigned DOCKET NO. PU.0031
ATTORNEY NAME Janet E. Reed PHONE NO.: (215)564-3100
SEIEET 13 OF 14

a

Smac: NH	12 <b>-MTS</b> -	AVPIA	QKSEP.		۰		
Hid:	NH2-M-	AVPFY	LPEGG				
Reaper:	NH2-M-	AVAFY	TPDOA				
Grim:	NH2-M-	AIAYF	IPDOA.	_	_	_	_

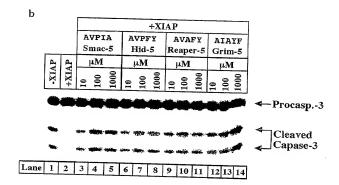


Fig. 13

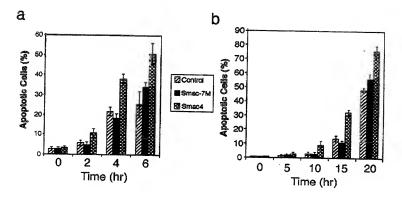


Fig. 14